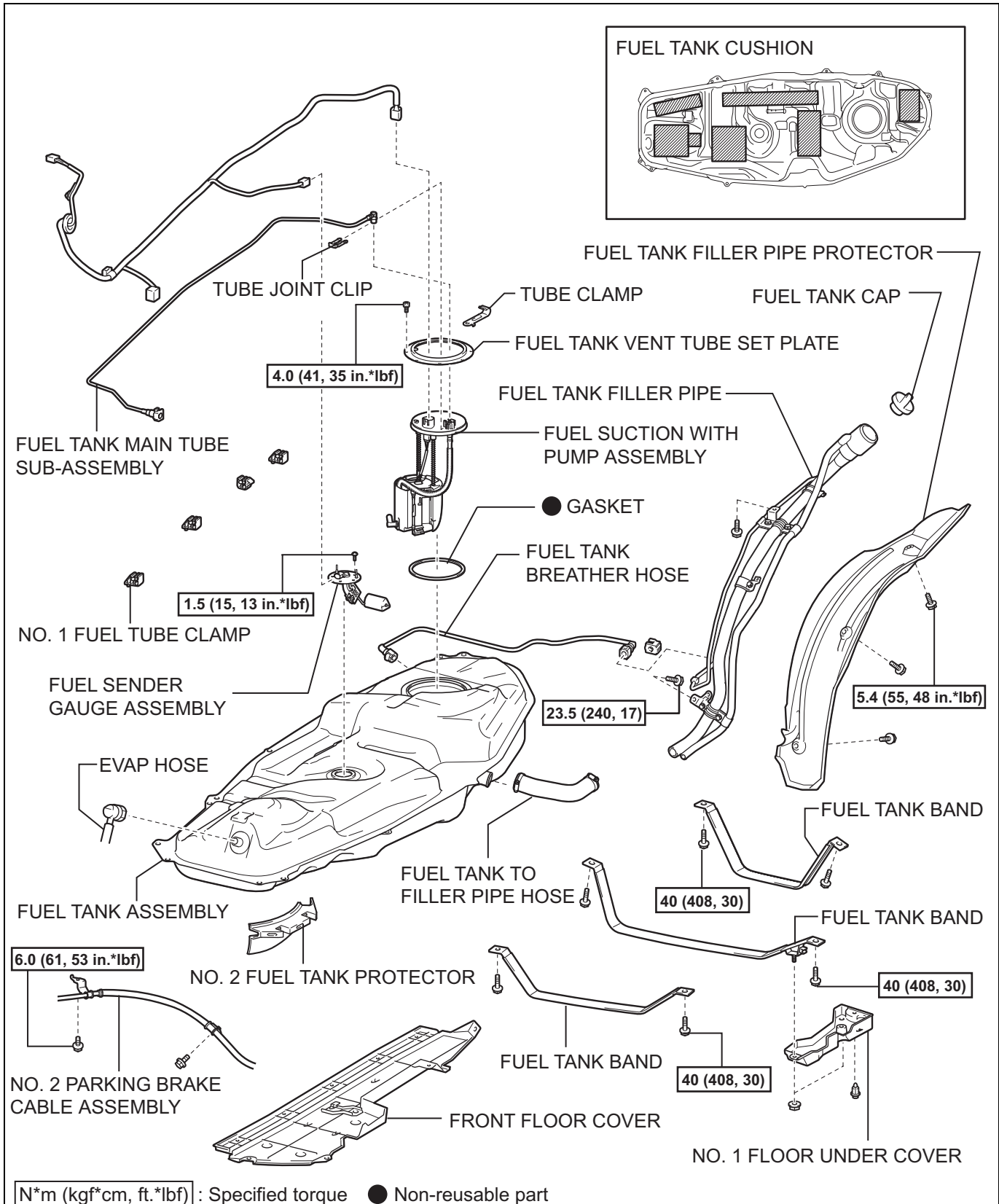
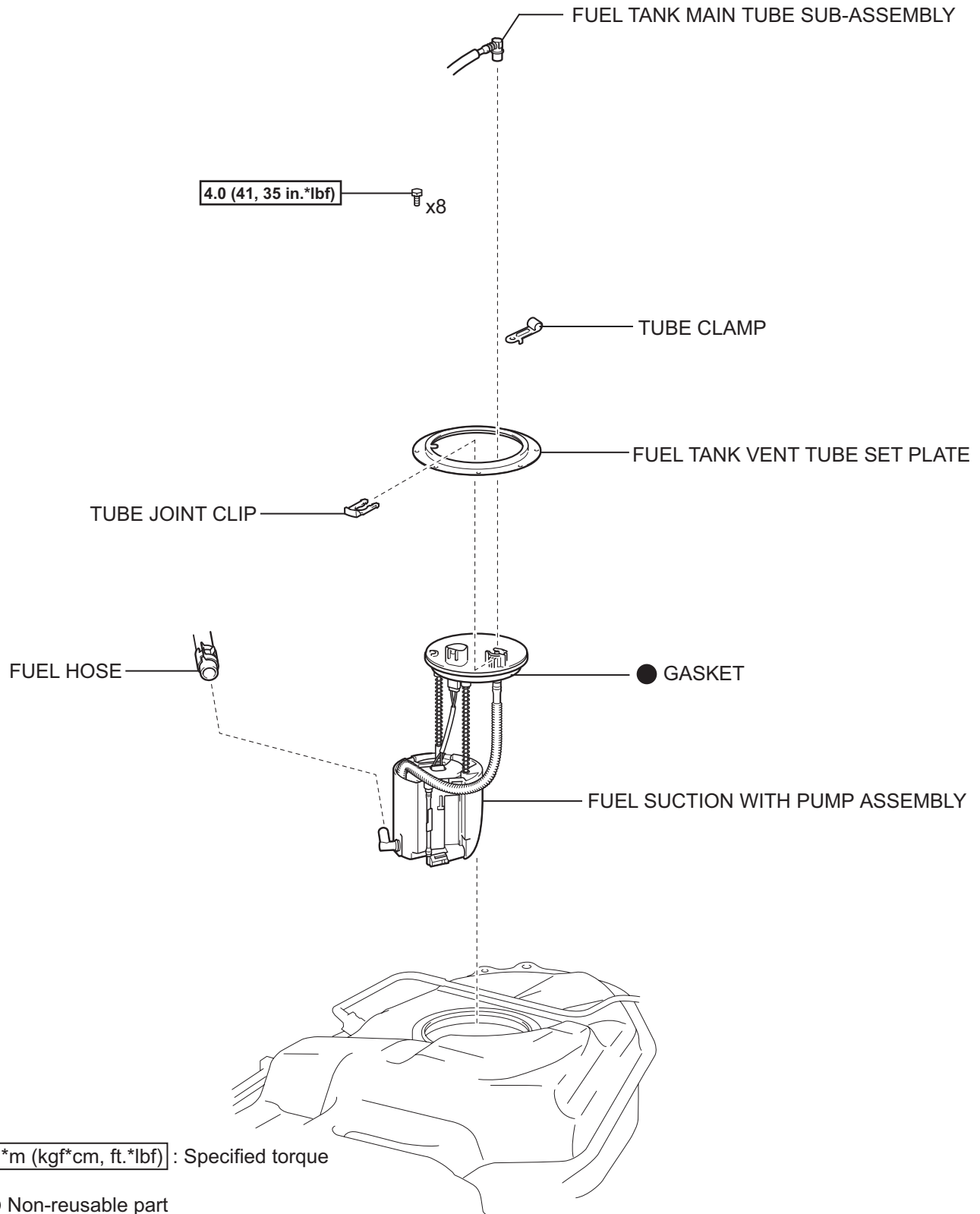


# FUEL TANK

## COMPONENTS

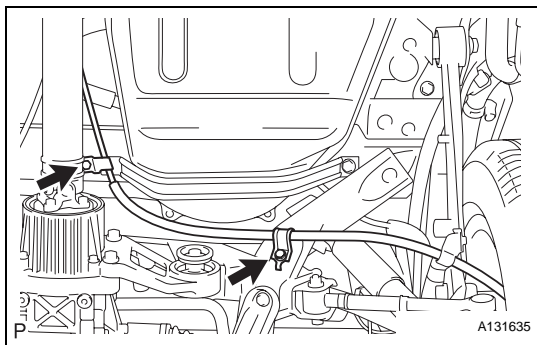
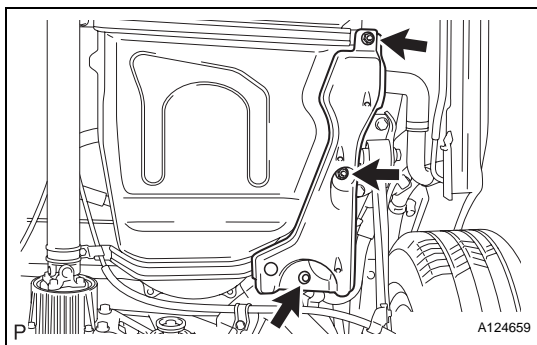


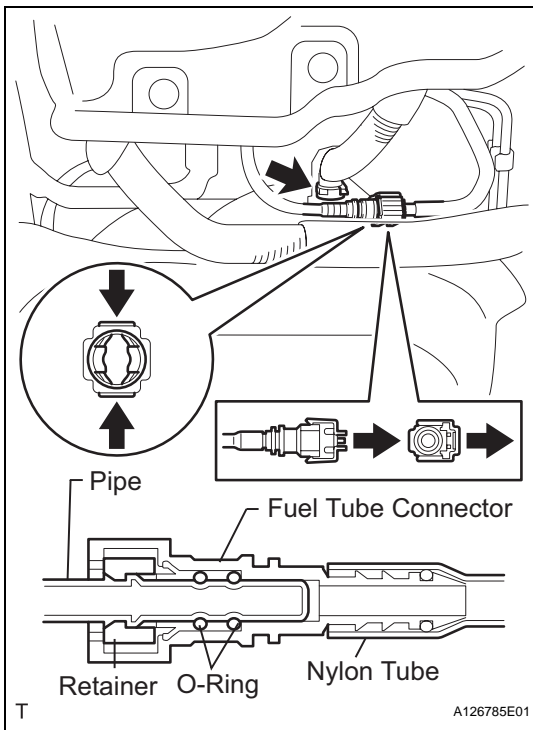


FU

## REMOVAL

1. **DISCHARGE FUEL SYSTEM PRESSURE** (See page [FU-13](#))
2. **DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL**  
**CAUTION:**  
Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to prevent airbag and seat belt pretensioner activation.
3. **REMOVE FUEL TANK CAP**
4. **REMOVE FRONT FLOOR COVER**  
(a) Remove the nut, bolt, 3 clips and floor cover.
5. **REMOVE NO. 1 FLOOR UNDER COVER**  
(a) Remove the 2 nuts, clip and floor under cover.
6. **DISCONNECT NO. 2 PARKING BRAKE CABLE ASSEMBLY**  
(a) Remove the 2 bolts and disconnect the parking brake cable.





## 7. DISCONNECT FUEL TANK MAIN TUBE SUB-ASSEMBLY

- (a) Pinch and pull the main tube connector to disconnect the connector from the pipe.

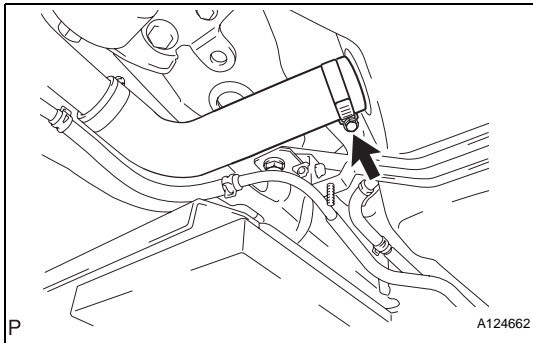
### NOTICE:

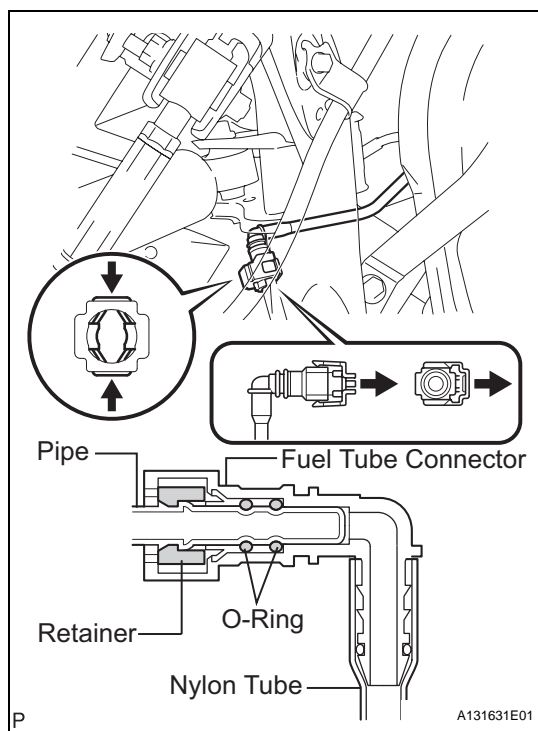
- Check for foreign matter in the pipe and around the connector. Clean if necessary. Foreign matter may damage the O-ring or cause leaks in the seal between the pipe and connector.
- Do not use any tools to separate the pipe and connector.
- Do not forcefully bend or twist the nylon tube.
- Check for foreign matter on the pipe seal surface. Clean if necessary.
- Put the pipe and connector ends in plastic bags to prevent damage and foreign matter contamination.
- If the pipe and connector are stuck together, pinch the connector between your fingers and turn it carefully to disconnect it.

- (b) Disconnect the EVAP hose from the tank.

## 8. DISCONNECT FUEL TANK TO FILLER PIPE HOSE

- (a) Disconnect the filler pipe hose from the fuel tank.





## 9. DISCONNECT FUEL TANK BREATHER HOSE

- (a) Disconnect the breather hose from the fuel tank.

### NOTICE:

- Check for foreign matter in the pipe and around the connector. Clean if necessary. Foreign matter may damage the O-ring or cause leaks in the seal between the pipe and connector.
- Do not use any tools to separate the pipe and connector.
- Do not forcefully bend or twist the nylon tube.
- Check for foreign matter on the pipe seal surface. Clean if necessary.
- Put the pipe and connector ends in plastic bags to prevent damage and foreign matter contamination.
- If the pipe and connector are stuck together, pinch the connector between your fingers and turn it carefully to disconnect it.

## 10. REMOVE FUEL TANK FILLER PIPE

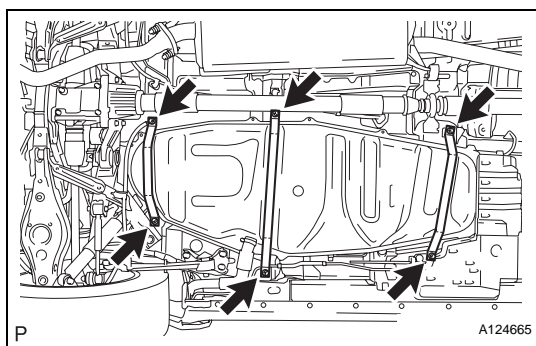
- (a) Remove the 3 bolts and filler pipe protector.  
(b) Remove the 2 bolts and filler pipe.

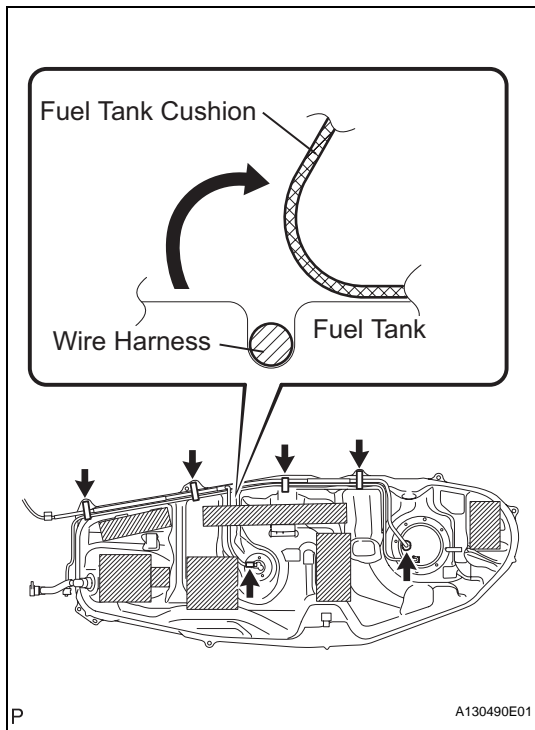
## 11. REMOVE FUEL TANK ASSEMBLY

- (a) Set a mission jack underneath the fuel tank.  
(b) Remove the 6 bolts and 3 fuel tank bands.  
(c) Slightly lower the mission jack.

### NOTICE:

Be careful not to cut the wirings.





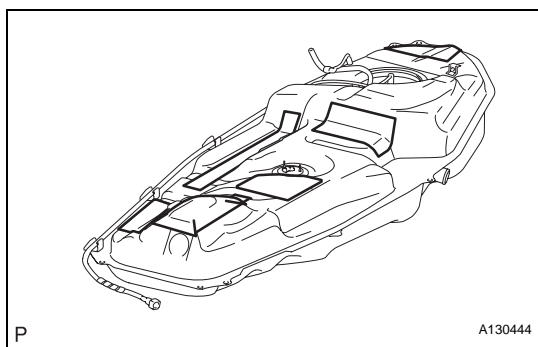
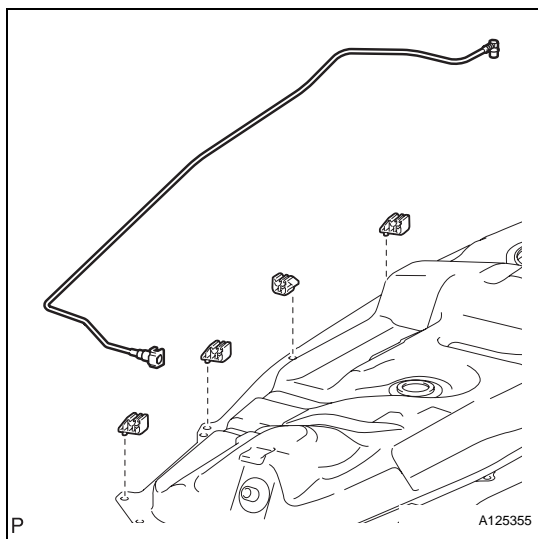
- (d) Fold back approximately half of each cushion rubber so that the wire harness can be detached from the fuel tank in the step below.
- (e) Disconnect the fuel pump connector and sender gauge connector.

**NOTICE:**

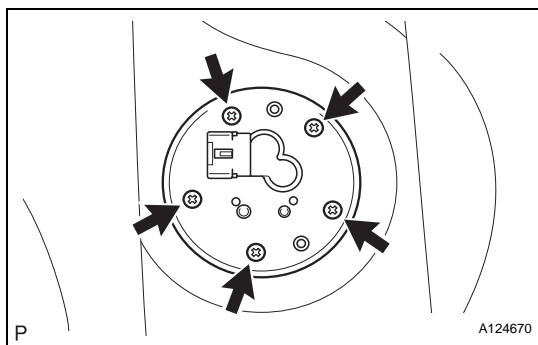
- Before this procedure, check the connector for dirt, mud or other contamination.
  - Do not use any tools in this procedure.
- (f) Detach the wire harness from the 4 clamps and remove the fuel tank.

## DISASSEMBLY

1. **DISCONNECT FUEL TANK MAIN TUBE SUB-ASSEMBLY** (See page [FU-22](#))
2. **REMOVE FUEL TANK VENT TUBE SET PLATE** (See page [FU-22](#))
3. **REMOVE FUEL SUCTION WITH PUMP ASSEMBLY** (See page [FU-22](#))
4. **REMOVE FUEL TANK MAIN TUBE SUB-ASSEMBLY**
  - (a) Remove the tube from the 4 fuel tube clamps.
5. **REMOVE NO. 1 FUEL TUBE CLAMP**
  - (a) Remove the 4 tube clamps from the fuel tank.



6. **REMOVE NO. 1 FUEL TANK CUSHION**
  - (a) Remove the 7 fuel tank cushions from the fuel tank.

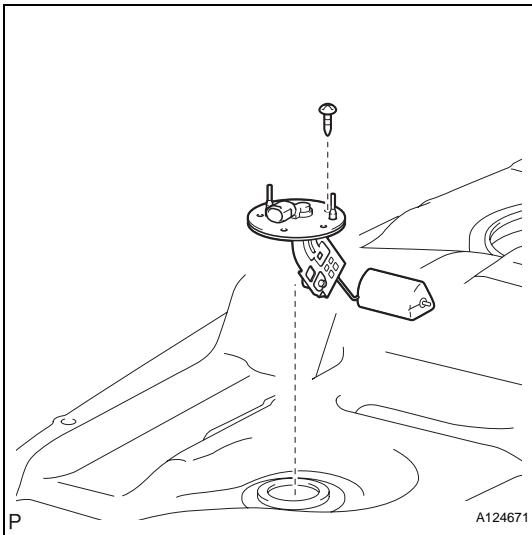


7. **REMOVE FUEL SENDER GAUGE ASSEMBLY**
  - (a) Remove the 5 screws and sender gauge.

## REASSEMBLY

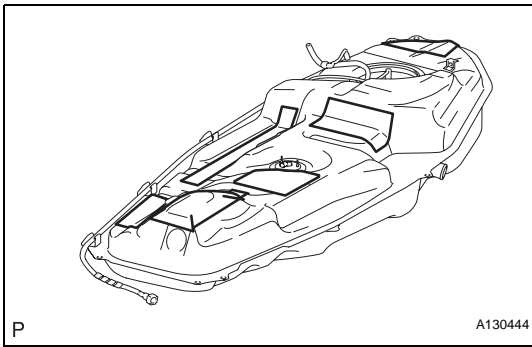
### 1. INSTALL FUEL SENDER GAUGE ASSEMBLY

- (a) Install the sender gauge with the 5 screws.  
**Torque: 1.5 N\*m (15 kgf\*cm, 13 in.\*lbf)**



### 2. INSTALL NO. 1 FUEL TANK CUSHION

- (a) Install 7 new fuel tank cushions onto the fuel tank as shown in the illustration.



### 3. INSTALL NO. 1 FUEL TUBE CLAMP

- (a) Install the 4 tube clamps to the fuel tank.

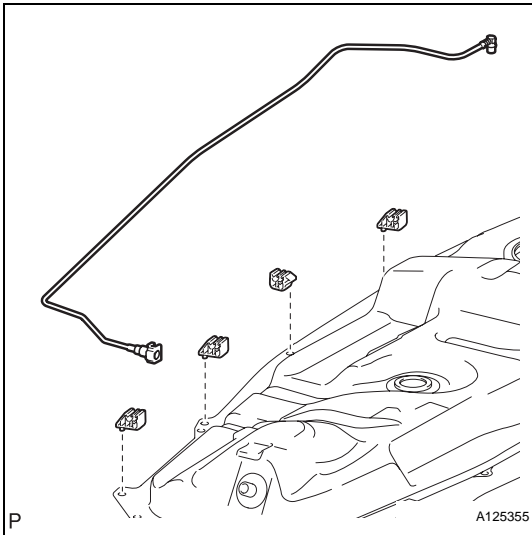
### 4. INSTALL FUEL TANK MAIN TUBE SUB-ASSEMBLY

- (a) Install the tube to the 4 fuel tube clamps.

### 5. INSTALL FUEL SUCTION WITH PUMP ASSEMBLY (See page [FU-26](#))

### 6. INSTALL FUEL TANK VENT TUBE SET PLATE (See page [FU-28](#))

### 7. CONNECT FUEL TANK MAIN TUBE SUB-ASSEMBLY (See page [FU-39](#))





## INSTALLATION

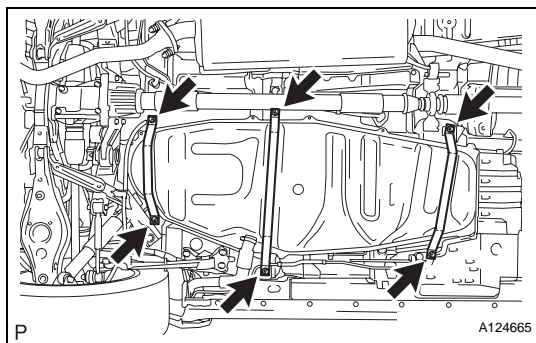
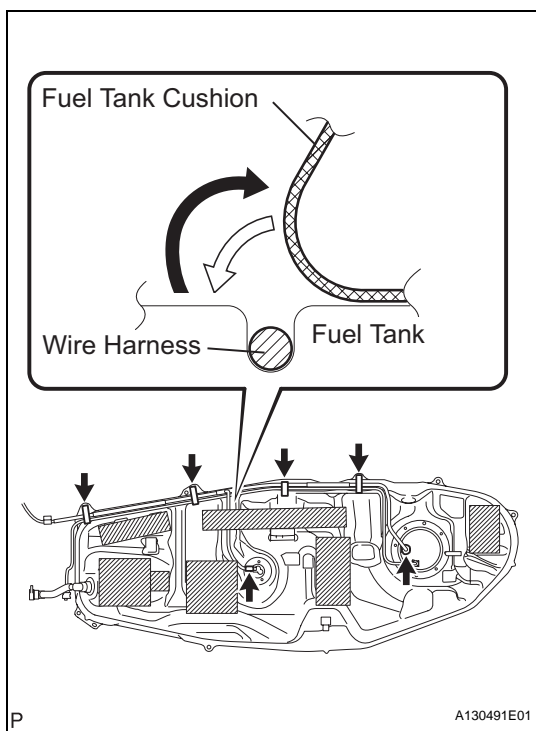
### 1. INSTALL FUEL TANK ASSEMBLY

- Set the fuel tank on a mission jack.
- Raise the mission jack.
- Fold back the 2 cushion rubbers.
- Connect the fuel pump connector and sender gauge connector to the fuel tank.

**NOTICE:**

**Be careful not to cut the wirings.**

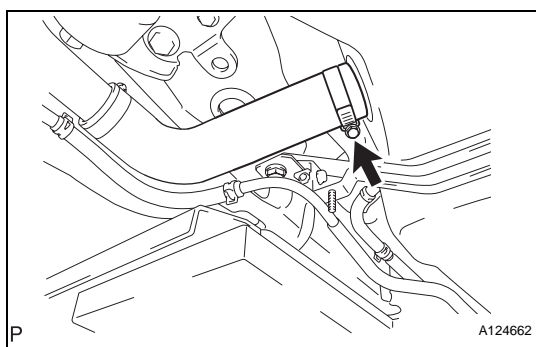
- Attach the wire harness to the 4 clamps.



- Install the 3 fuel tank bands with the 6 bolts.  
**Torque: 40 N\*m (408 kgf\*cm, 30 ft.\*lbf)**

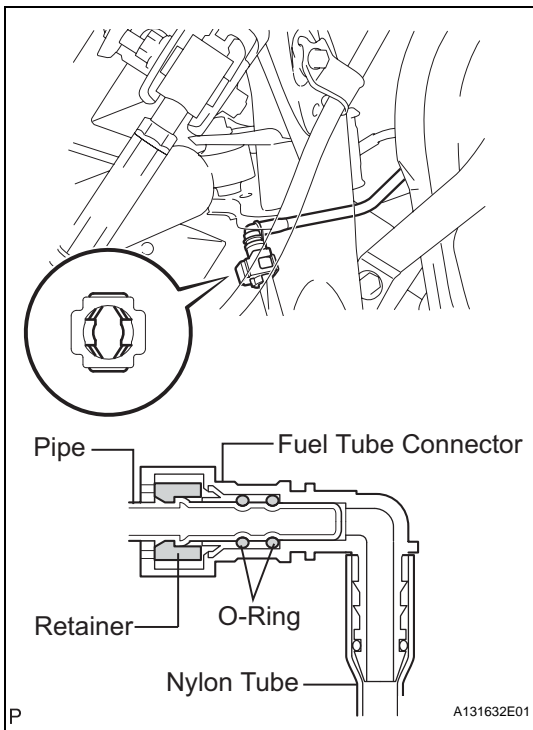
### 2. INSTALL FUEL TANK FILLER PIPE

- Install the filler pipe with the 2 bolts.  
**Torque: 23.5 N\*m (240 kgf\*cm, 17 ft.\*lbf)**
- Install the filler pipe protector with the 3 bolts.



### 3. CONNECT FUEL TANK TO FILLER PIPE HOSE

- Connect the filler pipe hose to the fuel tank.



#### 4. CONNECT FUEL TANK BREATHER HOSE

- (a) Connect the fuel tank breather hose to the fuel tank.

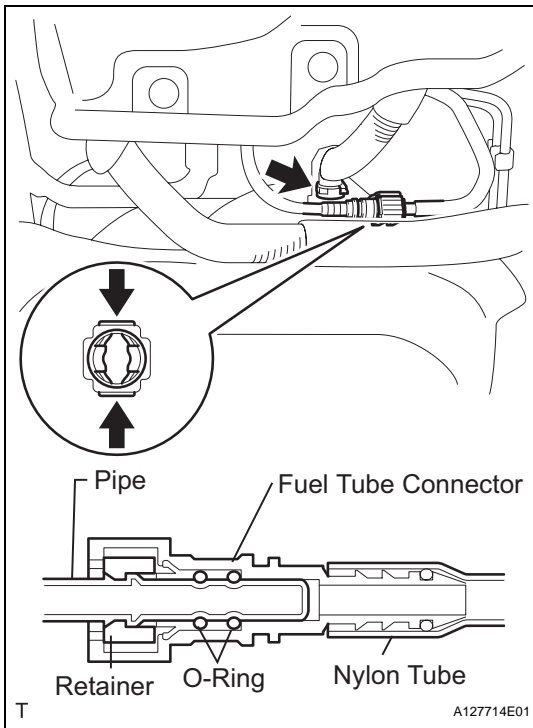
##### NOTICE:

- Before installing the tube connector to the pipe, check the connector for damage and foreign matter.
- Check that the connector and pipe are securely connected by trying to pull them apart.

#### 5. CONNECT FUEL TANK MAIN TUBE SUB-ASSEMBLY

##### NOTICE:

Before installing the tube connector to the pipe, check the connector for damage and foreign matter.

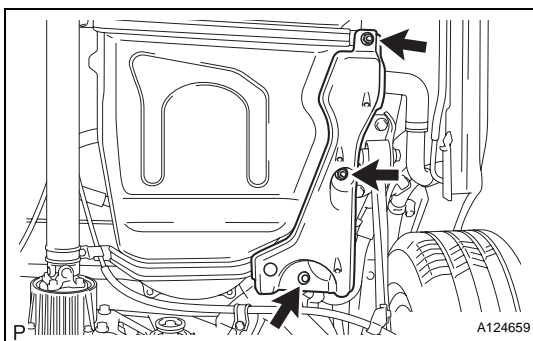


- (a) Connect the main tube connector to the pipe. Push the 2 parts together firmly until a "click" sound is heard.

##### NOTICE:

Check that the connector and pipe are securely connected by trying to pull them apart.

- (b) Connect the EVAP hose to the fuel tank.

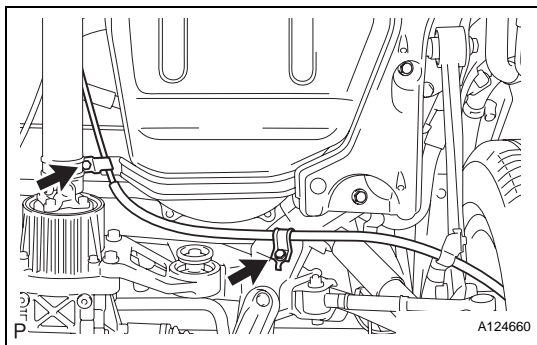


#### 6. INSTALL NO. 1 FLOOR UNDER COVER

- (a) Install the floor cover with the clip and 2 nuts.

#### 7. INSTALL FRONT FLOOR COVER

- (a) Install the floor under cover with the 3 clips, bolt and nut.



- 8. INSTALL NO. 2 PARKING BRAKE CABLE ASSEMBLY**  
(a) Install the parking brake cable with the 2 bolts.
- 9. INSTALL FUEL TANK CAP**
- 10. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**
- 11. CHECK FOR FUEL LEAKS**